INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/22262

		101/000 (/35505	
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : D02G 03/02 US CL : 57/210-235			
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED			
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)			
U.S.: 57/210-235			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST: Derwent, EPO, JPO, IBM, PGPub			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
<u>x</u>	US 5,735,110 A (Kruger et al) 07 April 1998 (07.04.1998), Column 3 lines 44-46, 55-62; Column 4 lines 1-2, 36-41		1-27, 29, 40-41, 45-48
Y			28, 30-39, 42-44
Y	US 4,614,081 A (Kim) 30 September 1986 (30.09.1986), Figure 1		28, 30-39, 42-44
A	US 4,914,902 A (Keefe, Jr.) 10 April 1990 (10.04.1990), entire document		1-48
A	US 5,768,875 A (Bergen) 23 June 1998 (23.06.1998), entire document		1-48
Further	documents are listed in the continuation of Box C.	See patent family annex.	
Special categories of cited documents:		"I" later document published after the inten	
"A" document defining the general state of the art which is not considered to be of particular relevance		and not in conflict with the application to principle or theory underlying the inven-	
"B" earlier application or patent published on or after the international filing date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious	
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	published prior to the international filing date but later than the ate claimed	"&" document member of the same patent fi	unily
Date of the a	ctual completion of the international search	Date of mailing of the international search report	
26 August 2005 (26.08.2005)		1 OCT 2005	
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